

8 Way-0° Power Splitter/Combiner

ZCSC-8-13+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹						AMP. UNBAL. (dB)	ISOLATION				PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	2-3	4-5			S	1	8
5.00	9.76	9.60	9.62	9.46	9.46	9.32	0.44	47.36	43.32	49.01	43.33	0.96	5.00	1.06	1.37	1.30
6.00	9.79	9.61	9.63	9.47	9.44	9.32	0.46	37.02	44.35	47.25	44.45	1.12	6.00	1.07	1.40	1.30
8.00	9.77	9.60	9.61	9.46	9.43	9.32	0.45	38.35	45.10	47.22	45.24	0.86	8.00	1.06	1.38	1.28
10.00	9.79	9.62	9.64	9.49	9.46	9.35	0.44	39.19	45.59	47.12	45.66	0.75	10.00	1.05	1.36	1.27
20.00	9.79	9.61	9.63	9.49	9.46	9.34	0.44	39.09	46.15	45.92	45.94	0.34	20.00	1.04	1.34	1.26
30.00	9.80	9.63	9.64	9.50	9.47	9.35	0.45	37.15	45.88	44.67	45.55	0.22	30.00	1.05	1.34	1.25
40.00	9.82	9.65	9.66	9.52	9.49	9.37	0.45	35.43	45.67	43.43	45.47	0.20	40.00	1.05	1.33	1.25
50.00	9.84	9.66	9.68	9.54	9.51	9.39	0.45	34.00	45.61	42.19	45.52	0.25	50.00	1.05	1.33	1.25
60.00	9.85	9.68	9.70	9.55	9.53	9.40	0.45	32.72	45.47	41.04	45.50	0.25	60.00	1.05	1.33	1.25
70.00	9.87	9.70	9.71	9.56	9.54	9.42	0.45	31.62	45.27	40.07	45.47	0.26	70.00	1.06	1.32	1.24
80.00	9.88	9.71	9.72	9.57	9.55	9.43	0.45	30.65	45.11	39.21	45.20	0.28	80.00	1.06	1.32	1.24
90.00	9.89	9.72	9.73	9.59	9.56	9.44	0.45	29.82	45.08	38.42	45.03	0.29	90.00	1.06	1.31	1.24
100.00	9.90	9.73	9.74	9.60	9.58	9.45	0.46	29.10	45.04	37.68	44.94	0.33	100.00	1.06	1.31	1.24
200.00	10.00	9.83	9.85	9.71	9.69	9.56	0.44	24.39	44.37	32.71	44.87	0.54	200.00	1.09	1.26	1.20
300.00	10.08	9.91	9.93	9.80	9.79	9.66	0.42	22.14	43.62	29.91	44.19	0.79	300.00	1.12	1.19	1.16
400.00	10.17	10.00	10.03	9.90	9.91	9.77	0.40	21.01	42.58	27.96	43.32	1.00	400.00	1.15	1.13	1.11
500.00	10.27	10.11	10.14	10.02	10.05	9.90	0.37	20.74	41.10	26.57	41.28	1.21	500.00	1.18	1.08	1.09
600.00	10.39	10.23	10.27	10.16	10.22	10.06	0.33	21.07	39.31	25.61	39.25	1.43	600.00	1.20	1.07	1.10
700.00	10.51	10.36	10.40	10.31	10.41	10.23	0.31	21.66	37.56	25.10	37.09	1.65	700.00	1.19	1.09	1.13
800.00	10.65	10.50	10.56	10.48	10.62	10.41	0.32	21.58	35.88	24.98	35.53	1.90	800.00	1.14	1.10	1.14
900.00	10.83	10.68	10.76	10.69	10.87	10.64	0.32	20.32	34.32	25.24	34.24	2.21	900.00	1.14	1.09	1.12
1000.00	11.07	10.93	11.02	10.96	11.18	10.93	0.32	18.69	33.13	25.72	33.48	2.52	1000.00	1.26	1.09	1.12

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



REV. X2

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8/5/2010

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